AUG 1 4 2000 BE

SEQUENCE LISTING

<110> Hageman, Gregory S.
University of Iowa Research Foundation

<120> Diagnostics and Therapeutics for Arterial Wall Disruptive Disorders

<130> 020618-000600US

<140> 09/511,008

<141> 2000-02-22

<150> US 60/120,822

<151> 1999-02-19

<150> US 60/120,668

<151> 1999-02-19

<150> US 60/123,052

<151> 1999-03-05

<160> 25

<170> PatentIn Ver. 2.1

<210> 1

<211> 6

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:elastin
 degradation product (EDP)

5

<400> 1

Val Gly Val Ala Pro Gly

1

<210> 2

<211> 21

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence:RT-PCR primer

<400> 2

gtcgagatgc acacaagagt g

RECEIVED

SEP 012003

TECH CENTER 1600/2800

21

	4
<210> 3 <211> 22 <212> DNA <213> Artificial Sequence <220>	MG 22 TOU
<223> Description of Artificial Sequence:RT-PCR primer	CA 16001300
<400> 3 tccttcagtt tactggagat cg	22
<210> 4 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:RT-PCR primer	
<400> 4 gccaggaata tgaacaagcc g	21
<210> 5 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:RT-PCR primer	
<400> 5 caaatcccca atctctccca c	21
<210> 6 <211> 21 <212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:RT-PCR primer	
<400> 6 tgaacaccaa cttcttccac g	21
<210> 7 <211> 22 <212> DNA <213> Artificial Sequence <220>	
<223> Description of Artificial Sequence:RT-PCR primer	
<400> 7 ggcgacctca gtaattttct tg	22

3	
	MECENVED WED
<210> 8	
<211> 19	Elle
<212> DNA	16 20 ED
<213> Artificial Sequence	2200g
<220>	WIER IC
<223> Description of Artificial Sequence:RT-PCR primer	·OQ _{Cica}
<400> 8	· · ·
ggtcgctttt gggattacc	19
<210> 9	
<211> 21	
<212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:RT-PCR primer	
(223) Description of Artificial Sequence. RI-FCK primer	•
<400> 9	
ctccagttcc gatttgtagg c	21
<210> 10	
<211> 20 <212> DNA	
<213> Artificial Sequence	
<220>	
<223> Description of Artificial Sequence:RT-PCR primer	
<400> 10	
gttcaagtca gaaaaggggc	20
<210> 11	
<211> 22	
<212> DNA <213> Artificial Sequence	
22137 Arcillolar Sequence	
<220>	
<223> Description of Artificial Sequence:RT-PCR primer	
<400> 11	
gtgtcttggt gaagtggatc tg	22
<210> 12	
<211> 22 <212> DNA	
<212> DNA <213> Artificial Sequence	
<220> <223> Description of Artificial Sequence:RT-PCR primer	
<400> 12	22
atggtatgtg gacgatcaag gc	44

e é		
	4	
•	4	
	<210> 13 <211> 22	
	<212> DNA	•
	<213> Artificial Sequence	
	<220>	
	<pre><223> Description of Artificial Sequence:RT-PCR primer</pre>	
	<400> 13 tattgctcgg taaccttccc tg	22
	<210> 14 <211> 21	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<pre><223> Description of Artificial Sequence:RT-PCR primer</pre>	
	<400> 14 aatgagcccc tggagtgaat g	21
	aacgageeee eggagegaac g	4
	<210> 15 <211> 22	
•	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<pre><223> Description of Artificial Sequence:RT-PCR primer</pre>	
	<400> 15 atgtcagagt gtttccatcc cg	22
	degeouguse geococusor of	
	<210> 16	
	<211> 22	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence:RT-PCR primer	
	<400> 16	
	gagcgagttc tacatcctaa cg	22
	<210> 17	
	<211> 22	
	<212> DNA	
	<213> Artificial Sequence	
	<220>	
	<223> Description of Artificial Sequence:RT-PCR primer	
	<400> 17	
	cacgaagtag gtgtccttga ag	22
		•

```
RECEIVED

MG 22 2000

TECH CENTER 1600/2900
<210> 18
<211> 21
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence:RT-PCR primer
<400> 18
                                                                       21
agactggaac tacaaatgcc c
<210> 19
<211> 21
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence:RT-PCR primer
<400> 19
                                                                       21
agattcagag tgccattgtc c
<210> 20
<211> 24
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence:RT-PCR primer
<220>
<221> modified base
<222> (10)
<223> i
<400> 20
                                                                       24
acgtttgatn tccasyttgg tccc
<210> 21
<211> 24
<212> DNA
<213> Artificial Sequence
<223> Description of Artificial Sequence: RT-PCR primer
<220>
<221> modified base
<222> (10)
<223> i
<220>
<221> modified_base
<222> (16)
<223> i
<400> 21
                                                                       24
gamatyswgn atgacncagt ctcc
```

	6	
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:RT-PCR primer	
<400>	22	
acctar	acgg tsasctkggt ccc	23
<210>	23	
<211>		
<212>		
	Artificial Sequence	
12137	.nettroiar boquonoo	
<220>		
<223>	Description of Artificial Sequence: RT-PCR primer	
<400>	23	
tcytmt	gwgc tgactcagsm cc	22
_		
<210>	24	
<211>		
<212>		
	Artificial Sequence	
.220.		
<220>	Description of Artificial Sequence:RT-PCR primer	
\ZZJ/	bescription of Artificial bequence. River primer	
<400>		
gggctg	gatg aggactcag	19
<210>		
<211>		
<212>		
<213>	Artificial Sequence	
<220>		
<223>	Description of Artificial Sequence:RT-PCR primer	
<400>	25	
	acag gcttcttcag	20